

Converting Colors

$Y_{xy}(46.1577, 0.3051, 0.3110)$

Have a look what the booklet for
Yxy(46.1577, 0.3051, 0.3110)
contains.

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Color

Yxy(46.1577, 0.3051, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	B7B3C1
RGB	183, 179, 193
RGB Percent	72%, 70%, 76%
CMY	0.2822, 0.2981, 0.2431
CMYK	0.05, 0.07, 0.00, 0.24
HSL	257°, 10%, 73%
HSV	257°, 7%, 76%
XYZ	45.2820, 46.1577, 56.9773
YIQ	181.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

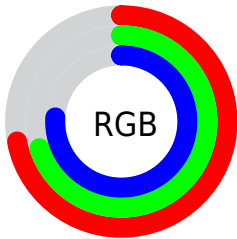
Format	Color
RYB	183, 179, 193
Decimal	12039105
CIELab	73.65, 4.10, -6.60
CIELCh	74, 7.771, 301.825
Yxy	46.1577, 0.3051, 0.3110
Android (android.graphics.Color)	4290229185 (0xFFB7B3C1)
YUV	181.7920, 5.5255, 1.0594
Hunter-Lab	67.9395, 0.0772, -2.1658

Details

The Yxy color $46.1577, 0.3051, 0.3110$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.2094, 0.3200, 0.3467$, and the grayscale version is $46.6344, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.6069, 0.3068, 0.3150$, and $21.5610, 0.3022, 0.3045$ is the 20% darker color. If you saturate the color by 10%, you get $37.3559, 0.2932, 0.2839$, and if you desaturate by 10%, it is $56.2103, 0.3154, 0.3354$.

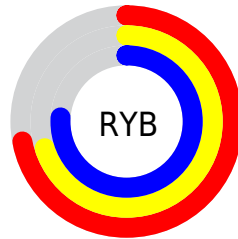
Distribution



Red (72%)

Green (70%)

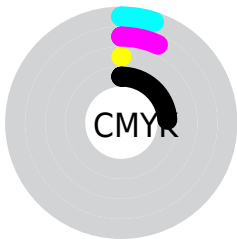
Blue (76%)



Red (72%)

Yellow (70%)

Blue (76%)

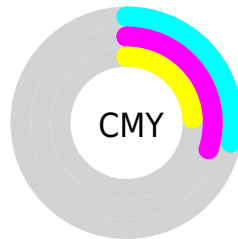


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1577, 0.3051, 0.3110 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 46.1577, 0.3051, 0.3110 by changing the saturation by 10% instead.

■ 46.1577, 0.3051,
0.3110

■ 46.1577, 0.3051,
0.3110

371.4423, 0.3089,
0.3199

■ 32.3703, 0.3041,
0.3088

■ 84.4550, 0.3065,
0.3142

■ 21.6445, 0.3029,
0.3060

109.7336, 0.3070,
0.3155

■ 13.5959, 0.3012,
0.3022

139.6114, 0.3075,
0.3165

■ 7.8402, 0.2988,
0.2970

174.4728, 0.3079,
0.3174

■ 3.9928, 0.2953,
0.2893

214.7022, 0.3082,
0.3181

■ 1.6696, 0.2892,
0.2768

260.6840, 0.3085,

■ 0.4038, 0.2705,

0.3188

0.2257

312.8026, 0.3087,
0.3194

0.0000, 0.0000,
0.0000

46.1577, 0.3051,
0.3110

46.1577, 0.3051,
0.3110

37.3559, 0.2932,
0.2839

56.2103, 0.3154,
0.3354

29.7495, 0.2796,
0.2544

67.5543, 0.3242,
0.3572

23.2878, 0.2645,
0.2231

80.2359, 0.3316,
0.3765

17.9140, 0.2480,
0.1908

93.5336, 0.3381,
0.3923

13.5666, 0.2307,
0.1591

95.9983, 0.3473,
0.3904

■ 10.1775, 0.2135,
0.1297

■ 96.6305, 0.3496,
0.3900

■ 7.6703, 0.1972,
0.1046

■ 5.9562, 0.1829,
0.0855

■ 4.9127, 0.1714,
0.0731

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.1577, 0.2963, 0.3112



46.1577, 0.3051, 0.3110



46.1577, 0.3160, 0.3154

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.1577, 0.3051, 0.3110



46.1577, 0.3339, 0.3415



46.1577, 0.2993, 0.3346

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.1577, 0.3051, 0.3110



52.2094, 0.3200, 0.3467

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



46.1577, 0.3091, 0.3432



46.1577, 0.3051, 0.3110



46.1577, 0.3292, 0.3470

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.1577, 0.3051, 0.3110



46.1577, 0.3328, 0.3328



46.1577, 0.3201, 0.3477



46.1577, 0.2930, 0.3246

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.1577, 0.3051, 0.3110



46.1577, 0.3231, 0.3204



46.1577, 0.3201, 0.3477



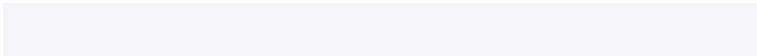
46.1577, 0.3023, 0.3378

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.1597, 0.3051, 0.3110



91.7971, 0.3107, 0.3241



49.8432, 0.3016, 0.3239



19.7333, 0.3108, 0.3244



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.1597, 0.3051, 0.3110



79.5358, 0.3030, 0.3061



47.0302, 0.3110, 0.3113



9.8859, 0.3027, 0.3055



3.1525, 0.1698, 0.0709



0.1725, 0.1952, 0.0849

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.2467, 0.3168, 0.3165



81.9627, 0.3179, 0.3132



51.3451, 0.3143, 0.3470



10.1962, 0.3181, 0.3128



8.7600, 0.4094, 0.2029



0.3900, 0.3853, 0.1896

Previews

White Background



This preview shows how the Yxy color 46.1577, 0.3051, 0.3110 looks on a white background.

Color Contrast Check

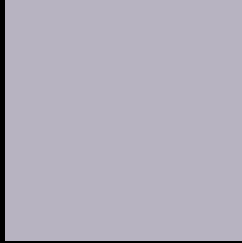
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 46.1577, 0.3051, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

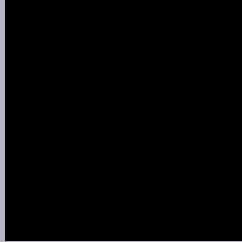
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

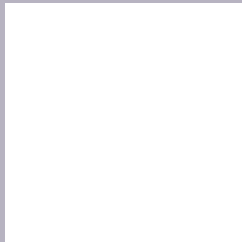
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1577, 0.3051, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 46.1577, 0.3051, 0.3110.

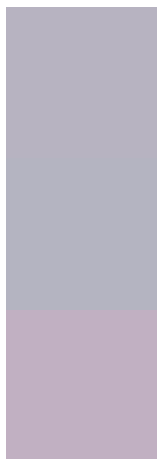


This preview shows how white text looks on a background with the Yxy color 46.1577, 0.3051, 0.3110.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.1577, 0.3051, 0.3110

Protanopia

46.1961, 0.3025, 0.3122

Deuteranopia

46.2832, 0.3129, 0.3065



Tritanopia

46.1577, 0.3051, 0.3110

Trichromacy



Original Color

46.1577, 0.3051, 0.3110

Protanomaly

46.3165, 0.3034, 0.3122

Deuteranomaly

46.1581, 0.3094, 0.3075

Tritanomaly

46.1577, 0.3051, 0.3110

Monochromacy



Original Color

46.1577, 0.3051, 0.3110

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.5380, 0.3096, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1577, 0.3051, 0.3110 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(183, 179, 193)` looks like.

```
.text, #text, p{  
    color:rgb(183, 179, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(183, 179, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 179, 193) }
```

Border

The CSS property to change the border of an element to Yxy 46.1577, 0.3051, 0.3110 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 179, 193) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(183, 179, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(183, 179, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 179, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 179, 193);  
box-shadow:4px 4px 4px 4px rgb(183, 179,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1577, 0.3051, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 179, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(183,  
179, 193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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